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(54) Title: POLYMER DISPERSION AND METHOD TO PRODUCE THE SAME

## (57) Abstract

The invention relates to a starch-based polymer dispersion, which contains a copolymer of starch with monomers. The invention also relates to a process for the preparation of said dispersion and its use as a surface sizing additive for paper and as a wet- and dry-strengthener for paper which is added to the wet end of the paper machine.

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